

Special Issue

Functional Bakery Products: Technological, Chemical and Nutritional Modification: 2nd Edition

Message from the Guest Editors

Bakery products such as bread, rolls, cookies, pies, pastries, bars and muffins are an important part of the diet of today's consumer. The growing consumer interest in the health benefits of food has forced the development of new food products and the introduction of changes in the recipes and technology of traditionally consumed products. These trends also apply to bakery products, which are usually prepared from flour or meal derived from different kinds of grain (both cereal and noncereal). Depending on the main and additional ingredients, bakery products can be an excellent source of complex carbohydrates, including starch, dietary fiber, proteins, vitamins, minerals, and phytochemicals with targeted beneficial effects on the human body. Bakery products can be functional by themselves or can be made functional by applying any technological or biotechnological means to increase the concentration of, add, remove or modify a particular component as well as to improve its bioavailability.

Guest Editors

Dr. Anna Wirkijowska

Dr. Piotr Zarzycki

Dr. Agata Blicharz-Kania

Prof. Dr. Urszula Pankiewicz

Deadline for manuscript submissions

30 November 2025



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/218072

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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